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JC14 Rec'd PCT/PTO 09 MAY 2002

Practitioner's Docket No. MWH-002US2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chew, et al.  
Application No.: 10/010,802  
Filing Date: November 9, 2001

Art Unit: 1614  
Examiner: to be assigned

For: Drug Target Isogenes: Polymorphisms in the Interleukin-4  
Receptor Alpha Gene

Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))

Enclosed herewith please find:

1. Identification of Time of Filing the Accompanying Information Disclosure Statement
2. Information Disclosure Statement by Applicant Form PTO/SB/08A (1 page)
3. Information Disclosure Statement by Applicant Form PTO/SB/08B (3 pages)
4. Copies of Listed References Accompanying this Statement (24-Total)

Date: 8-May-2002  
Tel. No. 203-786-3468  
Registration No. 47,934  
Customer No. 25106

Sandra L. Shaner  
Sandra L. Shaner  
Genaissance Pharmaceuticals, Inc.  
Five Science Park  
New Haven, CT 06511

CERTIFICATION UNDER 37 C.F.R. SECTION 1.10\*  
(Express Mail label number is *mandatory*.)  
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I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on May 9, 2002 (date), in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. Section 1.10, Mailing Label Number EL 574 S9S14S US addressed to Box PCT, Assistant Commissioner for Patents, Washington, D.C. 20231.

Cathy Wilcox  
(type or print name of person mailing paper)  
*Cathy Wilcox*  
Signature of person mailing

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In re application of:	Chew, et al.	Art Unit:	1614
Application No.:	10/010,802	Examiner:	to be assigned
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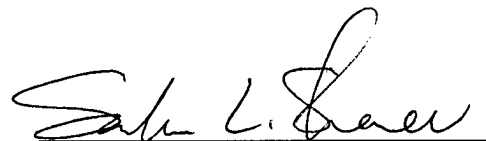
For: Drug Target Isogenes: Polymorphisms in the Interleukin-4  
Receptor Alpha Gene

Assistant Commissioner for Patents  
Washington, D.C. 20231

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
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The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 197(b).

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
			Application Number	10/010,802
			Filing Date	11/09/2001
			First Named Inventor	A. Chew
			Group Art Unit	1614
			Examiner Name	
Sheet 1	of 1	Attorney Docket Number	MWH-0002US2	

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Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 3

## **Complete if Known**

Application Number 10/010,802  
Filing Date 11/09/2001  
First Named Inventor A. Chew  
Group Art Unit 1614  
Examiner Name  
Attorney Docket Number MWH-0002US2

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## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	DA	BACANU S-A, DEVLIN B & ROEDER K, "The Power of Genomic Control," Am. J. Hum Genet, Vol. 66, p. 1933-44, ( May 11, 2000).	
	DB	BAILEY DS, BONDAR A & FURNESS LM, "Pharmacogenomics-It's not just pharmacogenetics," Curr Opin in Biotech, Vol 9, p. 595-601, (1998).	
	DC	BERTILSSON L, DAHL M-L, TYBRING G, "Pharmacogenetics of antidepressants: clinical aspects," Acta Psychiatr Scand, Vol 96 (Suppl 391), p. 14-21, (1997).	
	DD	CHAKRAVARTI A, "Population genetics-making sense out of sequence," Nature genetics, Vol 21, p. 56-60, ( January 1999).	
	DE	CHAKRAVARTI A, "It's raining SNPS, hallelujah?," Nature genetics, Vol. 19, p. 216-7, (July 1998).	
	DF	CLARK AG et al., "Haplotype Structure and Population Genetic Inferences from Nucleotide-Sequence Variation in Human Lipoprotein Lipase," Am J Hum Genet, Vol 63, p. 595-612, ( July 29, 1998).	
	DG	COHEN J, "Medicine: Developing prescriptions with a personal touch," Science, Vol 275, p. 776, ( February 7, 1997).	
	DH	HILL AVS et al., "Human genetic variation and its impact on public health and medicine ," Evolution in Health and Disease, Stearns S. (Ed.), Oxford University Press (New York), p. 62-74, (1999).	
	DI	JUDSON R, STEPHENS JC & WINDEMUTH A, "The predictive power of haplotypes in clinical response," Pharmacogenomics, Vol. 1 ( No. 1), p. 1-12, ( 2000).	
	DJ	KALOW W, OZDEMIR V, TANG B-K, TOTHFALUSI L & ENDRENYI L, "The Science of pharmacological variability: An essay," Clin Pharmacol Ther, Vol. 66, p. 445-7, (November 1999).	
	DK	KLEYN PW & VESELL ES, "Pharmacogenomics: Genetic Variation as a Guide to Drug Development," Science, Vol 281, p. 1820-1, ( September 18, 1998).	

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet **2** of **3**

## **Complete if Known**

Application Number	10/010,802
Filing Date	11/09/2001
First Named Inventor	A. Chew
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	MWH-0002US2

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	DL	KOLA I, "Complex traits, genes, polymorphisms and the drug discovery/development process," Curr Opin in Biotech, Vol 10., p. 589-92, (1999).	
	DM	KWOK P-Y & GU Z, "Single Nucleotide polymorphism libraries: why and how are we building them?," Mol Med Today, Vol. 5, p. 538-43, ( December 1999).	
	DN	LU AYH, "Drug-Metabolism research challenges in the new millennium: Individual variability in drug therapy and drug safety," Drug Metab & Disposition, Vol. 26 ( No. 12), p. 1217-1222, (1998).	
	DO	MARSHALL A, "Getting the right drug into the right patient," Nature Biotechnology, Vol 15, p. 1249-52, ( November 1997).	
	DP	MARSHALL E, "Drug Firms to create public database of genetic mutations," Science, Vol 284, p. 406-7, ( April 16, 1999).	
	DQ	MEYER UA, "Medically relevant genetic variation of drug effects," Evolution in Health and Disease, Stearns S. (Ed.), Oxford University Press (New York), p. 41-49, (1999).	
	DR	PRITCHARD JK, STEPHENS M, ROSENBERG NA & DONNELLY P, "Association mapping in structured populations," Am J Hum Genet, Vol. 67, p. 170-181, (May 26, 2000).	
	DS	ROSES AD, "Pharmacogenetics and the practice of medicine," Nature, Vol. 405, p. 857-65, ( June 15, 2000).	
	DT	STEPHENS JC, "Single-nucleotide polymorphisms , haplotypes, and their relevance to pharmacogenetics," Mol Diagnosis, Vol. 4 ( No. 4), p. 309-317, (1999).	
	DU	ULBRECHT M, HERGETH MT, WIST M, HEINRICH J, BICKEBOLLER H, WICHMANN H-E & WEISS EH, "Association of beta-2-adrenoreceptor variants with bronchial hyperresponsiveness," Am J Respir Crit Care Med, Vol. 161, p. 469-474, (2000).	
	DV	WANG DG ET AL., "Large-scale identification, mapping, and genotyping of single-nucleotide polymorphisms in the human genome," Science, Vol. 280, p. 1077-82, (May 15, 1998).	

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<b>Filing Date</b>	11/09/2001
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First Named Inventor	A. Chew
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Group Art Unit	1614
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**Examiner Name**

Attorney Docket Number	MWH-0002US2
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